

this comment, it is argued that, even though a base station can be portable, this does not mean that every portable radio fulfills the definition of the base station.

Present claim 1 discloses base stations of a cellular radio system, whereas Grube (referred to in the Advisory Action) teaches that each environmental sensor 37 is located at a subscriber unit 22. Similar language appears in present claim 7. The fact that the base station can be fixed or can be mobile does not turn the base station into a subscriber unit. The base station is still a base station, and the function of the base station is to be a part of a cellular network for transferring communication within the cellular network. On the other hand, a subscriber unit is a unit that is used by a subscriber.

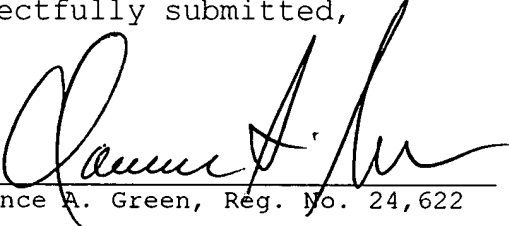
Therefore, as has been explained in the previous response, the system of Grube is totally dependent on the subscribers. This may be unreliable since it is dependent on the users keeping their subscriber terminals powered on, otherwise no data from the environmental sensor can be sent.

In order to clarify the foregoing distinction between the teaching of Grube and the invention as set forth in independent claims 1 and 7, the present amendment to claim 1 states that each base station forms a cell and that a plurality of base stations forms a cellular radio network. The amendment to claim 7 states that the base station forms a cell of a cellular radio network. This amendment of claims 1 and 7 clearly distinguishes over the teaching of Grube who does not teach that the portable radios form a cell nor that several portable radios form a cellular radio network.

Support for this amendment is found in the present specification on page 3, last line, through page 4 at line 10.

New claim 22, which depends from claim 1, introduces the feature that the base stations are fixed base stations. New claims 23 and 24 emphasize the inventive features of employing the terminal devices for disseminating environmental data to users of the terminal devices while the measuring of the environment is accomplished by measuring stations located at the base stations.

Respectfully submitted,

  
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MARKED UP COPY OF THE CLAIMS BEING AMENDED

1. (Amended) A system for performing environmental measurements and for transferring measuring data, wherein the system comprises:

a plurality of base stations of a cellular radio system, each base station forming a cell and the plurality of base stations forming a cellular radio network, the base stations comprising means for transferring data in the cellular radio system,

a plurality of environmental measuring stations each being connected to one of the plurality of base stations, the measuring stations comprising

measuring means for performing environmental measurements,  
and

control means for transferring measuring data to the respective base station that it is connected to for transferring the measuring data further over said cellular radio system,

and each said environmental measuring station is physically placed on the same site as the base station that it is connected to and is physically connected to the respective base station,

a central equipment connected to the cellular radio system for collecting environmental measuring data from the plurality of environmental measuring stations through the base stations of the cellular radio system, and

terminal devices of the cellular radio system for receiving data relating to the environmental measurements via the cellular radio system.

7. (Amended) A method for performing environmental measurements and for transferring measuring data, wherein the method comprises the steps of

performing environmental measurements in connection with a base station of a cellular radio system and physically on the same site where the base station is located, the base station forming a cell of a cellular radio network,

transferring results representative of the measured environmental data forward to the base station in order to transfer said results further over said cellular radio system,

collecting said results at a central location from the environmental measuring station through the base station of the cellular radio system, and

transferring data relating to the environmental measurements to a terminal device of the cellular radio system.